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(54) Title: FLAKE-FORM PIGMENTS BASED ON ALUMINIUM

(57) Abstract: The present invention relates to aluminum flakes, comprising (A1) a layer consisting of SiO₂, (B) a layer consisting of aluminum on the layer (A1) and (A2) a layer consisting of SiO₂ on the layer (B), wherein 0.70 ≤ z ≤ 2.0, to a process for the manufacture thereof and to the use thereof in paints, electrostatic coatings, in ink-jet printing, cosmetics, coatings, printing inks, plastics materials, in glazes for ceramics and glass, in security printing and in the production of interference pigments.